Chem 6 - 9 section

GENERAL INFORMATION  Spring 2004

Where: Steele 006
When: MWF 8:45-9:50, x-hour Th 9-9:50 (Two are scheduled for April 8 and May 6. More may be needed, so please keep this time slot free.)
Instructor: David Glueck (305 Burke)
Office Hours: Monday 1-3, Thursday 1-3, or by appointment.
Web: http://www.dartmouth.edu/~genchem. Some course information is available there now, and more will be added throughout the term.

Required Text: Chemical Principles, 4th Edition Zumdahl

Reserve Texts: A selection of general chemistry texts is available in Kresge Library. You may find it helpful to read appropriate sections in one or more of these on occasion, and all of them are good sources of extra problems to do and solved exercises to study.

BlitzMail Policy: Please use BlitzMail only to request a meeting with me, to notify me of a conflict you have with an exam, etc., or to inform me of other non-lab related issues. I can answer questions better in person, but if you are unable to get in touch with me, you can try to ask a question via Blitz. I may have time to answer you by e-mail, but don't count on it.

Examinations: There will be 2 midterm exams plus a final. All will be closed-book, and you will need a calculator. Requests for taking these exams at other times will be considered only in case of documented sickness, an emergency, or a legitimate academic conflict. Exam dates and venues are:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date/Time</th>
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<tbody>
<tr>
<td>Midterm 1</td>
<td>Tuesday, April 20, Steele 006/007 7:30-9:30 PM</td>
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<tr>
<td>Midterm 2</td>
<td>Thursday, May 13, Steele 006/007 7:30-9:30 PM</td>
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<tr>
<td>Final</td>
<td>June 7, location TBA 8:00-10:00 AM</td>
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</tbody>
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Grades: Here's how it adds up:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Laboratory</td>
<td>100</td>
<td>(17% of total)</td>
</tr>
<tr>
<td>Midterms x 2</td>
<td>300</td>
<td>(50% of total)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200</td>
<td>(33% of total)</td>
</tr>
<tr>
<td>MAXIMUM</td>
<td>600</td>
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Note that while the laboratory provides less than 20% of the points, failure to complete a significant portion of the lab work, including lab reports, will result in a course grade of E. See the Laboratory General Information handout for further details about the lab.

Lab: The Laboratory Important Information sheet provides details. Please read it carefully. There is much more information on the website: http://www.dartmouth.edu/~chemlab. You should purchase a copy of the lab manual at Wheelock Books before your first lab. Notebooks will be provided in lecture - please make sure you pick one up. Labs will start the week of April 5th.
Homework: Problem-solving is important! Typical practice problems will be assigned each week, and some others will be done during the lectures. If you fail to do these on your own, you will find the exams very difficult! Homework will not be turned in or graded, but you will find it very good preparation for the exams. The Solutions Manual provides detailed answers for the odd-numbered problems -- solutions to the additional problems are posted on the course web site. Please note that carefully reading the solutions, although useful, is no substitute for doing the homework yourself.

Study Aids: The following resources, not associated with the Chemistry Department, are available for help: Academic Skills Center Study Groups: sign up 2nd week of classes, Collis; WISP Study Sessions (for men and women); and Tutor Clearing House of the Academic Skills Center, Collis.

Special Note: Any student with a disability (including 'invisible' ones like learning disabilities) or chronic health problem for whom special accommodations would be helpful is encouraged to discuss with me the types of assistance I might be able to offer.

Honor Principle: It is important to be explicit in stating how the broad principle of academic honor applies in this course. Here is information from the GenChem webpage at http://www.dartmouth.edu/~genchem/honor.html. Please feel free to inquire further if the statements below are not clear or adequate.

Below are some specific ways that the Honor Principle applies to Chem 5 and Chem 6. Although some Honor Principle violations are given, this is not an exclusive list, nor is it meant to replace your judgment and integrity. Please feel free to inquire further if the statements below are not adequate.

1. Quizzes and Exams. Any of the numerous activities normally considered cheating are violations of the Dartmouth Honor Principle. Examinations and quizzes are not proctored; however, the professor will be present to answer questions that arise. Since exam graders sometimes make mistakes, claims of error in grading will be considered carefully. Changing a graded answer and returning the paper for regrading is a direct and flagrant violation of the Honor Principle.

2. Laboratory. Honesty and integrity lie at the very heart of any experimental science, and the following remarks indicate how the Honor Principle applies to the laboratory work in Chem 5 and 6:

Unless permission is granted by the instructor, use of another student’s laboratory data is a violation. When use of another’s data is allowed, the source of the data must be indicated. Fabrication of data or alteration of your own data to secure some desired result is also a violation. In the case of experiments where two students work together and data have been recorded in one student’s notebook, a copy of the data may be made in the other student’s notebook with an appropriate citation to the location of the
original data. Other material in the notebook that has been copied from any source whatever must be provided with a source citation. Laboratory reports must represent your independent calculations and individual conclusions, although comparison of numerical results with those of another student is permitted. Direct copying of any portion of another student’s lab report is a violation of the Honor Principle.

3. Problems. Working problems is excluded from Honor Principle constraints. It is helpful for many students to work problems collaboratively. Whether working independently or with a partner or group, you are encouraged to tackle each problem independently until the point is reached where further time and effort seem futile. At that point, examination of the answer key or study guide is encouraged. You should also work problems independently, so you do not rely too heavily on a group or partner. Remember that exams will include problems and are taken independently.

4. Course Material. Denying other students access to course material is a violation of the Honor Principle. This includes removing or altering course material on reserve in Kresge Library.

Special Note to Students Repeating or Re-enrolling in Chemistry 5 or 6: The Department of Chemistry views each enrollment in Chemistry 5 and 6 as an enrollment in a new course. As such, it is a violation of the Honor Principle to submit any graded material that was previously submitted in an earlier enrollment in Chemistry 5 or 6.

Violations of the Academic Honor Principle are taken very seriously. There have been cases involving students in Chem 5 and 6 that have resulted in severe penalty including suspension. Note that the Honor Principle not only prohibits the kinds of activities described above, but also requires you to take some action should you suspect that someone else in the class is violating the Honor Principle. See the Student Handbook or the Academic Honor Principle website for further information.